

What is claimed is:

1 1.A video box of a VOD system, comprising:

2 A first signal processor, receiving an input signal that
3 comprises analog program signals, wherein the first signal
4 processor transfers the analog program signals into digital
5 program signals, and then compresses the digital program
6 signals into compressed program signals according to a
7 compressing format, wherein the input signal is transmitted
8 via a cable TV system;

9 A storage device, storing the compressed program signals;

10 A selecting device, which is adapted to provide a selecting
11 signal, whereby selecting a decompressing signal from the
12 compressed program signals in the storage device; and

13 A second signal processor, decompressing the decompressing
14 signal into a broadcasting signal according to a decompressing
15 format, and transmitting the broadcasting signals to a media
16 device, thereby broadcasting the broadcasting signals.

1 2.The video box of claim 1, wherein the first signal
2 processor further comprises a control unit, which is provided
3 to send out a first control signal, wherein the first control
4 signal is received by the storage device and the second signal
5 processor;

6 The storage device starts storing the compressed program
7 signals as receiving the first control signal; and

8 The second signal processor idles as receiving the first
9 control signal.

1 3.The video box of claim 2, wherein the input signal further
2 comprises a transmission signal, and the control unit produces
3 the first control signal as the first signal processor detects
4 the transmission signal.

1 4.The video box of claim 3, wherein the storage device
2 comprises a disk device.

1 5.The video box of claim 4, wherein the disk device stores
2 the compressing program signals with existing data of the disk
3 device that is overwritten.

1 6.The video box of claim 4, wherein the compressing format
2 includes an encryption rule, and the decompressing format
3 includes a decryption rule corresponding to the encryption
4 rule.

1 7.The video box of claim 4, wherein the media device is a
2 digital TV.

1 8.The video box of claim 4, wherein the second signal
2 processor further comprises a D/A converter, which is provided
3 to convert the broadcasting signals into analog signals, and
4 the media device is an analog TV.

1 9.The video box of claim 4, wherein the input signal further
2 comprises a stop-transmission signal, whereby the control
3 device essentially stops sending out the first control signal
4 as the first signal processor receives the stop-transmission
5 signal.

1 10. The video box of claim 4, further comprising a timer
2 device, which is used to clock a transmission time;

3 The input signal further comprises a transmission-time
4 signal, which indicates a predetermined time; and

5 The timer device starts clocking the transmission time as
6 the control device starts sending out the first control signal,
7 and the control device stops sending out the first control
8 signal as the transmission time reaches the predetermined
9 time.